

(No Model.)

A. A. FREEMAN.
WHISTLING AND MUSICAL RATTLE.

No. 553,958.

Patented Feb. 4, 1896.

Fig:1.

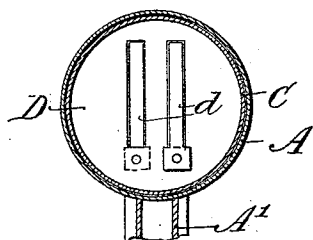
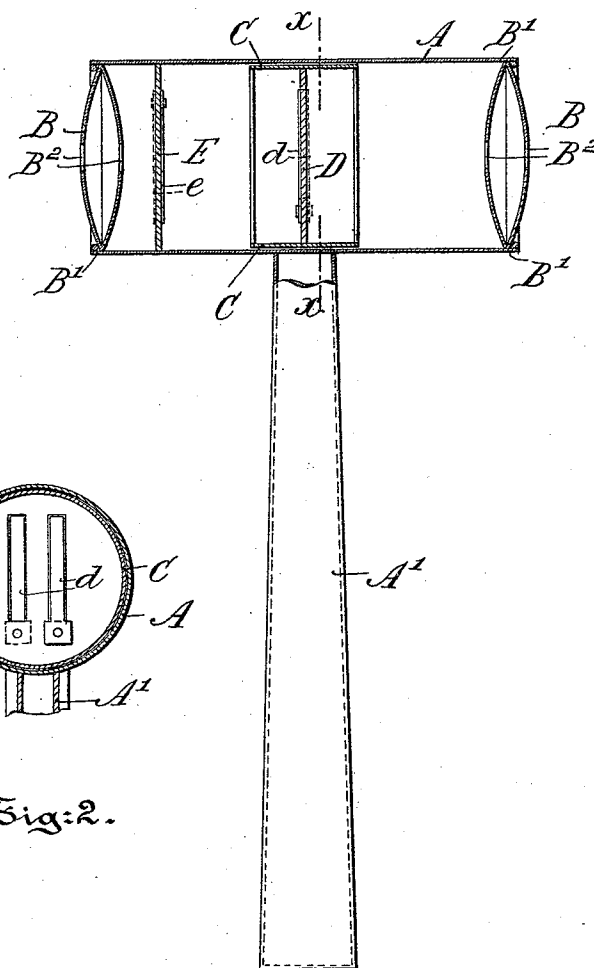


Fig:2.

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UNITED STATES PATENT OFFICE.

ALBERT A. FREEMAN, OF PHILADELPHIA, PENNSYLVANIA, ASSIGNOR TO
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WHISTLING AND MUSICAL RATTLE.

SPECIFICATION forming part of Letters Patent No. 553,958, dated February 4, 1896.

Application filed November 13, 1895. Serial No. 568,935. (No model.)

To all whom it may concern:

Be it known that I, ALBERT A. FREEMAN, a citizen of the United States, residing at the city of Philadelphia, in the county of Philadelphia and State of Pennsylvania, have invented certain new and useful Improvements in Whistling and Musical Rattles, of which the following is a specification.

My invention has relation to that class of toys known as "whistling" and "musical" rattles, and in such connection it relates particularly to the construction and arrangement of such a toy.

The principal objects of my invention are, first, to provide a simple, durable and amusing toy combining the functions of a whistle and rattle and a musical reed instrument; second, to provide a rattle having a case each end of which is closed by a disk whistle and a rattle-tube movable in the case between the whistles when the toy is agitated, the ends of said rattle-tube being normally open and having a reed-disk therein and normally closing the same, the movement of said reed-tube giving forth a rattling noise and musical tones and expelling air through the whistles in the respective ends of the case to give forth a whistling noise, and, third, to provide a rattle having a case in which each end is closed by a disk whistle, a fixed reed-disk located in said case adjacent to one end of the same, and a traveler-rattle mounted in said case and provided with one or more reeds for producing musical tones in conjunction with the whistling and rattling sounds or noises produced by the manipulation of the toy.

My invention, stated in general terms, consists of a whistling and musical rattle constructed and arranged in substantially the manner hereinafter described and claimed.

The nature, characteristic features, and scope of my invention will be more fully understood from the following description, taken in connection with the accompanying drawings, forming part hereof, and in which—

Figure 1 is a view, partly in side elevation and partly in section, of a toy, showing the fixed disk reed, the movable rattle and reed tube, and the whistles at the respective ends

of the case of the toy; and Fig. 2 is a transverse sectional view on the line xx of Fig. 1.

Referring to the drawings, A represents a case, preferably in the form of a cylindrical tube, and A' is the handle or support therefor. The respective ends B' of the case A are closed by a whistle B, which consists of two convex disks united together at their periphery and having a central opening B².

Within the case A and movable therein is an open-ended rattle-tube C, provided therein with a disk or diaphragm D, having one or more reeds d . This inner tube C is of the same contour as the case A, and its periphery is slightly smaller than the inner surface of the case A.

The whistles B at the respective ends of the case A may be secured by means of solder or in any preferred manner, and if desired an auxiliary disk or diaphragm E, provided with one or more reeds e , may be secured in the case A between an end of the tube C and a whistle B, as illustrated in Fig. 1, for increasing the quantity of musical tones or sounds derived from the toy by manipulation thereof. When the case A is shaken or agitated by swinging the handle A', the air in the case on either side of the disk D in the rattle-tube C is expelled through the central perforations of one or the other of the whistles B and through the reeds d and e . There is thus produced at either end of the case a whistling noise as well as musical tones or sounds, and at the same time by the movement of the rattle-tube C in the case A rattling noise will be produced.

Having thus described the nature and objects of my invention, what I claim as new, and desire to secure by Letters Patent, is—

1. A combined whistling and musical rattle, comprising a case having a whistle at each end thereof, an open-ended tube adapted to traverse said case and provided with a disk having one or more reeds, substantially as and for the purposes described.

2. A whistling and musical rattle, comprising a case having a whistle secured at each end thereof, an open-ended tube of slightly smaller diameter than that of said case and

adapted to traverse the same, a disk provided
with one or more reeds, a disk provided with
reeds secured within said case between one
end of said tube and a whistle of said case,
5 substantially as and for the purposes de-
scribed.

In testimony whereof I have hereunto set

my signature in the presence of two subscri-
ing witnesses.

ALBERT A. FREEMAN.

Witnesses:

THOMAS M. SMITH,
RICHARD C. MAXWELL.